SPECIFICATION

Issued Date	Style	L.A. N. CABLE	Document No.:
Oct. 20. 2000			LUMN240454
Edition	Size	UTP 24AWG×4P(Solid) 350MHz CM 75℃ 300V	Page
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1.Standard : UL444、UL1581、CSA C22.2 NO214、ANSI/TIA/EIA 568A

2.Application : LAN Cable Are Suitable for perfect AUDIO DATA and VIDEO of transfer for Local Area Network.

3.Construction & Dimension:

Item		Specification
Conductor	Size	24AWG× 4P
	Material	Annealed Bare Copper
	Construction	1 / 0.515± 0.004 mm
Insulation	Material	HDPE
	Minimum Average Thickness.	0.20 mm
	Minimum Thickness at any point	0.180 mm
	Diameter	0.92 ± 0.02 mm
	Identification	1.BLUE× WHITE/BLUE STRIP 2.ORANGE×WHITE /ORANGE STRIP 3.GREEN×WHITE/ GREEN STRIP 4.BROWN×WHITE/BROWN STRIP
Core Assembly	Core Twist	2 cores twist
	Filler	NA
	Assembly Pair	4 pairs assembly
Jacket	Material	PVC
	Minimum Average Thickness.	0.55 mm
	Minimum Thickness at any point	0.46 mm
	Overall Diameter(Approx.)	5.3± 0.2 mm
	Color	Any Color
Marking	E200579 TYPE CM 4PR 24AWG 75℃ ETL VERIFIED & 350MHZ ENHANCED CATEGORY 5 UTP CABLE xxxxxxFT	

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4.Electrical & Physical Properties:

Item			Specification
Rating Temp & Voltage			75°C 、300V
Conductor Resistance			93.8 Ω/km20°C Max
Mutual Capacitance			56 pF/m Max.
Dielectric Strength			AC 1.5 KV/ 2 Sec.
Spark Test			2.5 KV
Insulation	Unaged	Tensile Strength	1200 PSI Min. (0.84 kg/mm²)
		Elongation	100 % Min.
	Aged	Tensile Strength	Min. 75% (100°C x 48 hrs)
		Elongation	Min 75% (100°C x 48 hrs)
Jacket	Unaged	Tensile Strength	2000 PSI Min. (1.41 kg/mm²)
		Elongation	100 % Min.
	Aged	Tensile Strength	Min. 85% (100°C x 240 hrs)
		Elongation	Min 50% (100°C x 240hrs)
Insulation Shringback			150m/m, 121°C ± 1°C x 1hr ≤9.5m/m
Cold Bend Test			-20°C x 4hrs No Crack.
Flame Test			CM
AC Leakage Current Througt Overall Jacket			AC 1500V ≤ 10 mA
Copper Corrosion Test			No Pit & Corrosion (100°C x 48hrs)
Durability of printing Test			The Printing shall remain Legible